

MODULAR CONTACT SWITCH

Abstract of the Disclosure

5 A modular contact switch adapted to be readily assembled from a plurality
of contact modules is provided. Both active contact modules and passive contact
modules comprise coupling features, including but not limited to, engagement tabs
and mating surfaces, to enable a removable coupling of multiple active contact
modules to form active contact assemblies and passive contact modules of a passive
contact assembly. The active contact modules provide a spring-biased contact that
10 responds to the position of passive contacts of the passive contact modules. As the
active and passive contact modules come into abutment and urging engagement, an
electrical connection is made between the corresponding contacts. The spring-bias
of the active contacts ensures that the electrical contact is made regardless of
variations in tolerances and position.

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